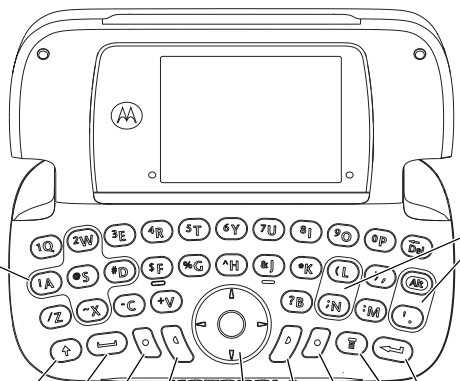
MOTOROLA

A630
GSM

START HERE >

Welcome

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola A630 GSM wireless phone.



Game Keys

Game Keys

Shift Key

Space Key

Power & End Key
Turn phone on/off, end calls, exit menu system.

Left Soft Key
Perform functions identified by left display prompt.

5-Way Navigation Key
Scroll through menus & lists, set feature values.

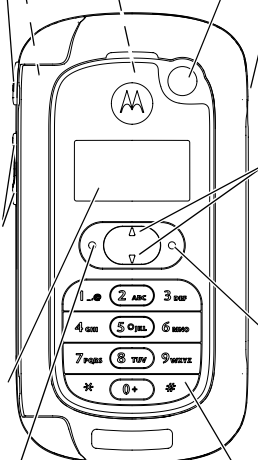
Enter Key

Menu Key

Send Key
Make & answer calls, view recently dialed calls list.

Right Soft Key
Perform functions identified by right display prompt.

Check It Out!



Handsfree Speaker (on back of phone)

Antenna (on back of phone; internal antenna)

Camera Lens Take pictures to send to others & use on your phone.

Camera Button Turns camera on & allows you to take pictures. Press & hold allows you to record voice memos.

Headset Jack Insert headset accessory for handsfree use.

Menu & Up & Down Keys Access the menu and scroll up and down.

Volume Keys Adjust earpiece & ringer volume. Zoom in & out when taking a picture.

Ok and Send Key Move forward in menus, make & answer calls & view recent calls list.

External Display View call & menu information.

Back, End & Power Key Go back in menus, end calls & turn the phone On or Off.

Accessory Connector Port Insert charger & phone accessories.

External Keys For closed flip operation.

Feature	Description
Take Photo	Press the camera button to activate the camera. Point lens at subject, and press the camera button again to take a photo.

Feature	Description
Send Photo	Send the photo to a phone number or email address: Scroll ⊙ to select ✉, press **OK** ◩.
Set Photo as Picture Caller ID	Assign a photo to a phonebook entry to enable picture caller ID: ☰ > **Multimedia** > **Pictures** > *photo* ☰ > **Apply As** > **Phonebook Entry**
Send Multimedia Message	Send a multimedia message with pictures, animations, sounds: ☰ > **Messages** > **Create Message** > **New Multimedia Msg**
Send Letter	Send a multimedia letter: ☰ > **Messages** > **Create Message** > **New Letter**
Read Multimedia Message	Read a new multimedia message or letter that you have received: Press **Read** ◩.
Play Video Clip	Play a video clip: ☰ > **Multimedia** > **Videos** > *video clip*
Wireless Connection	Setup a Bluetooth™ wireless connection to a headset accessory, car kit, or external device: ☰ > **Extras** > **Settings** > **Connection** > **Bluetooth Link** > **Handsfree** > [**Look For Devices**]
Play Games	Play a game: ☰ > **Games & Apps** > *game*

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Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION. READ THIS INFORMATION BEFORE USING YOUR PHONE.

The information provided in this document supersedes the general safety information in user's guides published prior to December 1, 2002.

Exposure To Radio Frequency (RF) Energy

Your phone contains a transmitter and a receiver. When it is ON, it receives and transmits RF energy. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.

Your Motorola phone is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

Operational Precautions

To assure optimal phone performance and make sure human exposure to RF energy is within the guidelines set forth in the relevant standards, always adhere to the following procedures.

External Antenna Care

Use only the supplied or Motorola-approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone.

Do NOT hold the external antenna when the phone is IN USE. Holding the external antenna affects call quality and may cause the phone to operate at a higher power level than needed. In addition, use of unauthorized antennas may result in non-compliance with the local regulatory requirements in your country.

Phone Operation

When placing or receiving a phone call, hold your phone as you would a wireline telephone.

Body-Worn Operation

To maintain compliance with RF energy exposure guidelines, if you wear a phone on your body when transmitting, always place the phone in a Motorola-supplied or approved clip, holder, holster, case, or body harness for this phone, if available. Use of accessories not approved by Motorola may exceed RF energy exposure guidelines. If you do not use one of the body-worn accessories approved or supplied by Motorola, and are not using the phone held in the normal use position, ensure the phone and its antenna are at least 1 inch (2.5 centimeters) from your body when transmitting.

Data Operation

When using any data feature of the phone, with or without an accessory cable, position the phone and its antenna at least 1 inch (2.5 centimeters) from your body.

Approved Accessories

Use of accessories not approved by Motorola, including but not limited to batteries and antennas, may cause your phone to exceed RF energy exposure guidelines. For a list of approved Motorola accessories, visit our website at www.Motorola.com.

RF Energy Interference/Compatibility

Note: Nearly every electronic device is susceptible to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your phone may cause interference.

Facilities

Turn off your phone in any facility where posted notices instruct you to do so. These facilities may include hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

Aircraft

When instructed to do so, turn off your phone when on board an aircraft. Any use of a phone must be in accordance with applicable regulations per airline crew instructions.

Medical Devices

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 6 inches (15 centimeters) be maintained between a handheld wireless phone and a pacemaker.

Persons with pacemakers should:

- ALWAYS keep the phone more than 6 inches (15 centimeters) from your pacemaker when the phone is turned ON.
- NOT carry the phone in the breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- Turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

Use While Driving

Check the laws and regulations on the use of phones in the area where you drive. Always obey them.

When using your phone while driving, please:

- Give full attention to driving and to the road.
- Use handsfree operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

Responsible driving best practices may be found in the "Wireless Phone Safety Tips" at the end of this manual and at the Motorola website: www.Motorola.com/callsmart.

Operational Warnings

For Vehicles With an Air Bag

Do not place a phone in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If a phone is placed in the air bag deployment area and the air bag inflates, the phone may be propelled with great force and cause serious injury to occupants of the vehicle.

Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere. Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

Note: The areas with potentially explosive atmospheres referred to above include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Areas with potentially explosive atmospheres are often but not always posted.

Blasting Caps and Areas

To avoid possible interference with blasting operations, turn OFF your phone when you are near electrical blasting caps, in a blasting area, or in areas posted "Turn off electronic devices." Obey all signs and instructions.

Batteries

Batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touch exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects. **Use only Motorola original batteries and chargers.**

Your battery or phone may contain symbols, defined as follows:

Symbol	Definition
	Important safety information will follow.
	Your battery or phone should not be disposed of in a fire.
	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Your battery or phone should not be thrown in the trash.
	Your phone contains an internal lithium ion battery.

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when watching television or playing video games. These seizures or blackouts may occur even if a person never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your doctor before playing video games on your phone or enabling a flashing-lights feature on your phone. (The flashing-light feature is not available on all products.)

Parents should monitor their children's use of video game or other features that incorporate flashing lights on the phones. All persons should discontinue use and consult a doctor if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation.

To limit the likelihood of such symptoms, please take the following safety precautions:

- Do not play or use a flashing-lights feature if you are tired or need sleep.
- Take a minimum of a 15-minute break hourly.
- Play in a room in which all lights are on.
- Play at the farthest distance possible from the screen.

Repetitive Motion Injuries

When you play games on your phone, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. Follow these instructions to avoid problems such as tendonitis, carpal tunnel syndrome, or other musculoskeletal disorders:

- Take a minimum 15-minute break every hour of game playing.
- If your hands, wrists, or arms become tired or sore while playing, stop and rest for several hours before playing again.
- If you continue to have sore hands, wrists, or arms during or after play, stop playing and see a doctor.

Getting Started

About This Guide

This guide describes the basic features of your Motorola wireless phone.

To obtain more information for your phone, or another copy of this guide, see the Motorola Web site at:

http://motorola.com/consumer/manuals (U.S.A.)
http://motorola.ca/consumer (Canada)

or contact the Motorola Customer Call Center at 1-800-331-6456 (U.S.A.) or 1-800-461-4575 (Canada).

Optional Features

This label identifies an optional network, SIM card, or subscription-dependent feature that may not be offered by all service providers in all geographical areas. Contact your service provider for more information.

Optional Accessories

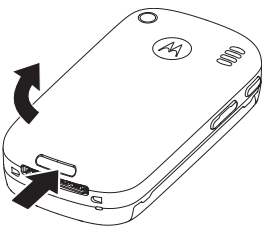
This label identifies a feature that requires an optional Motorola Original™ accessory.

Installing the SIM Card

Your Subscriber Identity Module (SIM) card contains your phone number, service details, and phonebook/ message memory.

Caution: Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water, or dirt.

1.



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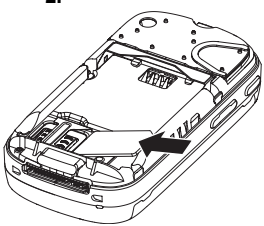

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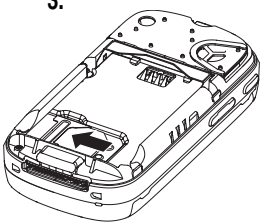
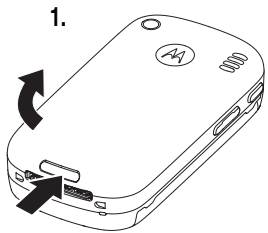


Installing the Battery

Your phone is designed to use only Motorola Original batteries and accessories. We recommend that you store batteries in their protective cases when not in use.



Charging the Battery

New batteries are shipped partially charged. Before you can use your phone, you need to install and charge the

battery as described below. Some batteries perform best after several full charge/discharge cycles.

	Action
1	Plug the travel charger into your phone with the release tab facing up. Be sure to insert the plug's connector hooks straight into the phone's charger slots, so that both hooks engage to lock the plug in place.
2	Plug the other end of the travel charger into the appropriate electrical outlet.
3	When your phone indicates **Charge Complete**, press the release tab and remove the travel charger.

Note: Upon insertion of the charger plug into the handset, the handset will respond with an indication that the battery is charging (Battery Icon Flashing and/or Battery Indication Tone). If the battery has been deeply discharged or stored in a discharged state for an extended period of time, there may be a delay of up to 10 seconds before the Battery Icon and/or Battery Tone is activated. This is normal operations and does not indicate a fault.

Tip: You can safely leave the travel charger connected to the phone after charging is complete. This will **not** damage the battery.

Battery Use

Battery performance depends on many factors, including your wireless carrier's network configuration; signal strength; the temperature at which you operate your phone; the features and/or settings you select and use; items attached to the phone's accessory connector port; and your voice, data, and other application usage patterns.

Caution: To prevent injuries or burns, do not allow metal objects to contact or short-circuit the battery terminals.

To maximize your battery's performance:

- Always use Motorola Original batteries and battery chargers. The phone warranty does not cover damage caused from using non-Motorola batteries and/or battery chargers.
- New batteries or batteries that have been stored for a long time may require a longer charge time.
- Maintain the battery at or near room temperature when charging.
- Do not expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.
- When you do not intend to use a battery for a while, store it uncharged in a cool, dark, dry place, such as a refrigerator.
- Over time, batteries gradually wear down and require longer charging times. This is normal. If you charge your battery regularly and notice a decrease in talk

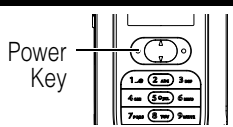
time or an increase in charging time, then it is probably time to purchase a new battery.

The rechargeable batteries that power this phone must be disposed of properly and may need to be recycled. Refer to your battery's label for battery type. Contact your local recycling center for proper disposal methods.

Caution: Never dispose of batteries in a fire because they may explode.

Turning Your Phone On

	Action
1	Press and hold the Power key (⏻ or ⏻) for 2 seconds to turn on the phone. It may take up to four seconds for the display to illuminate after you turn the phone on.
2	If necessary, enter your SIM card PIN code and press the Send key (⏻ or ⏻) to unlock the SIM card. **Caution:** If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays **SIM Blocked**.
3	If necessary, enter your 4-digit unlock code and press the Send key (⏻ or ⏻) to unlock the phone.



Using the Display

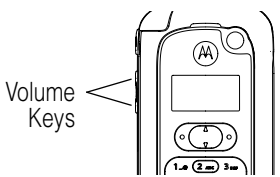
Your phone's display normally is visible only when the display backlight is on, or when the display is viewed in direct sunlight.

To extend battery life, the display backlight turns off automatically when no activity is detected for a period of time. The backlight turns back on when you open the flip or press any key. To set the time that the backlight stays on, press ⓜ > **Extras** > **Settings** > **Initial Setup** > **Backlight**. You can set the backlight to stay on for 20, 40, or 60 seconds.

To further extend battery life, you can set the display to turn off after a period of inactivity. The display turns back on when you open the flip or press any key. To set the time that the display stays on, press ⓜ > **Extras** > **Settings** > **Initial Setup** > **Display Timeout**. You can set the display to stay on for 1 or 2 minutes, or set Off to deactivate display timeout.

Adjusting Volume

Press the up or down volume keys to:



- increase or decrease earpiece volume during a call
- increase or decrease the ringer volume setting when the home screen is visible
- turn off an incoming call alert

Making a Call

	Press	To
1	keypad keys	dial the phone number
2	⊙ or ◩	make the call
3	⊙ or ◪	end the call and "hang up" the phone when you are finished

Answering a Call

When you receive a call, your phone rings and/or vibrates and displays an incoming call message.

	Press	To
1	⊙ or ◩ or **ANSWER** (◩)	answer the call
2	⊙ or ◪	end the call and "hang up" the phone when you are finished

Viewing Your Phone Number

To view your phone number from the home screen, press ☰ > **Extras** > **Settings** > **Phone Status** > **My Tel. Numbers**.

While on a call, press ⊙/⊙ or ☰ > **My Tel. Numbers**.

Note: Your phone number must be stored on your SIM card to use this feature. To store your phone number on the SIM card, see page 62. If you do not know your phone number, contact your service provider.

Activate/Deactivate Keylock

Keylock is used to prevent unintentional pressing of keys. You can make emergency calls when keylock is activated.

	Press	To
1	(•) + *	activate keylock
2	(•) + *	deactivate keylock

Setting the Time and Date

You need to set the time and date to fully utilize your phone features. Set the time:

Find the Feature (≡) > **Extras** > **Settings** > **Initial Setup** > **Time and Date** > **Time**

	Press	To
1	◎	scroll up or down to change hours
2	◎	press right to highlight minutes
3	◎	scroll up or down to change minutes
4	◎	press right to highlight the way time is displayed
5	◎	scroll up or down to choose **am**, **pm** or **24h**
6	**OK** (⌐)	close time setting

Set the date:

Find the Feature (MENU) > **Extras** > **Settings** > **Initial Setup** > **Time and Date** > **Date** > **Date:**

	Press	To
1	◎	scroll up or down to change month
2	◎	press right to highlight day
3	◎	scroll up or down to change day
4	◎	press right to highlight year
5	◎	scroll up or down to change year
6	**OK** (▱)	close date setting

Set the date format:

Find the Feature (MENU) > **Extras** > **Settings** > **Initial Setup** > **Time and Date** > **Date** > **Format**

	Press	To
1	◎	scroll up or down to highlight date format
2	**SELECT** (▱)	choose the format

Highlight Features

You can do much more with your phone than make and receive calls! This section describes some of your phone's highlight features.

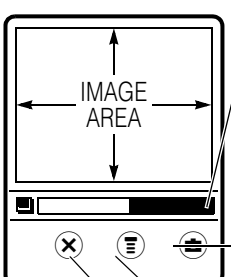
Taking and Sending a Photo

You can use the camera in several ways. Take a photo and keep flip closed, or flip fully open, or flip open 90 degrees. See also page 2.

To activate your phone's camera:

Find the Feature **Press the camera button**

The active viewfinder image appears on your display.



Press the Volume key up or down to zoom in or out on viewfinder image.

Press ⊕ up or down to highlight a camera option & use camera button to make your selection (or center select ⊕).

Photo storage memory space currently in use, brightness or zoom selection.

Take a photo (◪) or camera button.

Press ☰ to open **Pictures Menu**.

Return to previous screen (↩).

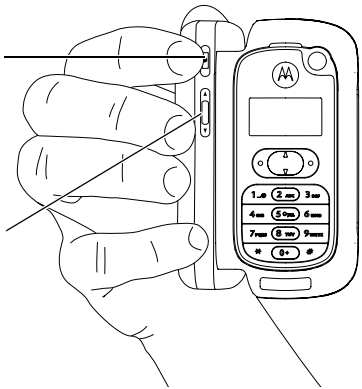
Press ⊕ right or left to change image brightness.

Point the camera lens at the photo subject, then:

	Press	To
1	camera button or ⦿ (Ⓜ) or ↵	take a photo
2	**OK** (Ⓜ)	save the photo and return to active viewfinder
	or	
	🗑 (📞)	delete the photo and return to active viewfinder
	or	
	✉	send the photo immediately in Multimedia Msg or Email
		Note: To highlight your option, use volume keys (or ◌). Use camera button (or center select ◌) to make your selection.
3	⊗ (📞) or 📞	exit the camera (in viewfinder)

Press once to turn camera on. Press again to take picture or confirm a selection.

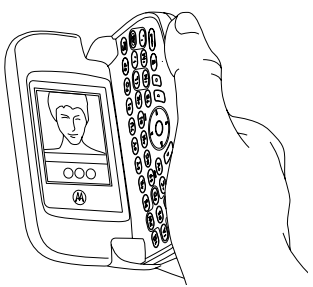
Use volume keys to zoom in and out or to select options after taking a picture.



To acces the camera using keyboard: (☰)> **Multimedia** > **Camera**

.

Taking and saving a picture at vertical positon will ensure the correct image positioning when using the photos for example in phonebook, MMS or image viewer application.



Tip: To take a self portrait: activate the camera by pressing the camera button, aim the camera lens, then press the camera button again to take a photo. To view the photo, open the flip

When the camera is active, the **Camera Menu** ⓜ can include the following options:

Option	Description
Go To Pictures	View pictures and photos stored on your phone.
Auto-Timed Capture	Set a timer for the camera to take a photo. To set the timer, highlight and select **Auto-Timed Capture**. When the timer has been set, press the camera button and an audible tone is played for 5 seconds before the picture is taken.
Pictures Setup	Open the setup menu to adjust picture settings.
View Free Space	See how much memory remains for storing pictures.

Image Borders

You can add different borders around the images in your phone. Color borders are easily overlaid on the top of an existing image while showing the target image. Borders can be added, changed or removed. Image border selection is pre-installed in your phone.

To place image border around the picture:

Find the Feature (☰) > **Multimedia** > **Pictures**

	Press	To
1	◎	scroll down to find the image
2	**VIEW** (▱)	open the image
3	(☰)	open the menu
4	◎	scroll down to highlight **ADD IMAGE BORDER**
5	**SELECT** (▱)	view image border
6	◎	scroll right to view other image borders
7	**STORE** (▱)	save image with borders
8	**YES** (✆)	confirm your selection

To change or remove image borders, repeat steps 1 to 8 above. At step 4 it reads **CHANGE IMAGE BORDER**.
Adding image borders around target picture that is not stored, will decrease the image quality every time border is changed.

Note: Image borders can be added to photos stored in MMS (160 x 120) picture resolution.

Sending a Multimedia Message

A *Multimedia Messaging Service* (MMS) *multimedia message* contains one or more slides with text and embedded media objects (including photos, pictures, animations, sounds, voice records, and/or video clips). You can send the multimedia message to other wireless phone users, and to email addresses.

Find the Feature (☰) > **Messages** > **Create Message** > **New Multimedia Msg**

	Press	To
1	keyboard keys	enter slide text
2	(☰)	open the **Message menu**
3	⊙	scroll to **Insert**
4	**SELECT** (⌐)	display a list of items you can insert
5	⊙	scroll to **Picture**, **Voice Record**, **Sound**, **Video**, **New Page**, **Quick Note** or **Contact Info**
6	**SELECT** (⌐)	select the file type
7	⊙	highlight the file you want
8	**SELECT** (⌐)	insert the file Repeat steps 1 to 8 to enter more contents for your message.
9	**OK** (⌐)	go to **Send To** menu

Press	To
10 ⊙	scroll to **Send To** option: Highlight [**One Time Entry**] to enter 1 or more phone numbers and/or email addresses. Highlight [**New Phonebook Entry**] to enter a number/addresses and add it to the phonebook. Or highlight an existing phonebook entry.
11 **SELECT** (▱) **or** **ADD** (▱)	select [**One Time Entry**] **or** [**New Phonebook Entry**] add a phonebook entry to the recipients list
12 **DONE** (▱)	store the numbers/addresses
13 ⊙	scroll to **Subject**
14 **CHANGE** (▱)	select the **Subject**
15 keyboard keys	enter the subject
16 **OK** (▱)	store the subject
17 **SEND** (▱)	send the message

Receiving a Multimedia Message

When you receive a multimedia message or letter, your phone displays the ✉ (message waiting) indicator and a **New Message** notification, and sounds an alert.

Press	To
READ (Ⓞ)	open the message

Multimedia messages that you receive can contain different media objects:

- Photos, pictures, and animations are displayed as you read the message.
- A sound file or video clip begins playing when its slide is displayed. Use the volume keys to adjust the volume as the sound file or video clip plays.

  Note: In a multimedia message, you may have to highlight an indicator in the text to play a sound file or video clip.
- To open an attached file, highlight the file indicator/ filename and press **VIEW** (Ⓞ) (image file type), **PLAY** (Ⓞ) (sound file or video clip type), or **OPEN** (Ⓞ) (object or unknown file type).

Playing Video Clips

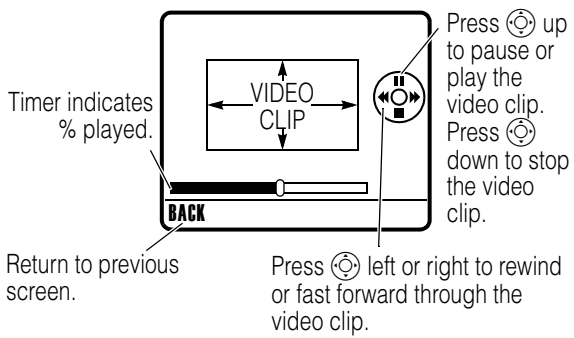
You can download video clips with the micro-browser, and send and receive video clips in multimedia messages.

To play a video clip stored on your phone:

Find the Feature (MENU) > **Multimedia** > **Videos**

	Press	To
1	(NAV)	scroll to the video clip
2	**PLAY** (OK)	start video clip playback

The video clip displays in the video clip playback screen.


Timer indicates % played.
VIDEO CLIP
BACK
Press up to pause or play the video clip. Press down to stop the video clip.
Return to previous screen.
Press left or right to rewind or fast forward through the video clip.

Using a Bluetooth Wireless Connection

Your phone supports Bluetooth™ wireless connections. You can set up a wireless link with a Bluetooth-enabled headset accessory, speakerphone, or handsfree car kit, or connect to a computer or hand-held device to exchange and synchronize data.

To connect your phone to a headset accessory or handsfree device:

Find the Feature (☰) > **Extras** > **Settings** > **Connection** > **Bluetooth Link** > **Handsfree** > [**Look For Devices**]

Your phone displays a list of device(s) located within range of the phone. If your phone is already connected to a device, your phone lists the connected device and identifies it with a ✓ (in use) indicator.

To connect to a device, highlight the device name and press **SELECT** (Ⓞ).

The device may request permission to bond with your phone. Select **YES** (Ⓞ) and enter the correct PIN code to create a secure connection with the device. When the connection is made, the (Bluetooth) indicator or a **Bluetooth** message displays in the home screen.

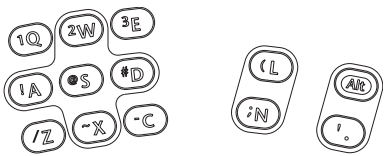
Playing Games

To play a game:

Find the Feature (☰) > **Games & Apps** > *game*

	Press	To
1	◎	scroll to the game
2	**SELECT** (⌐)	start the game

Keyboard keys W, A, D, X, L, N, ALT, and . (dot) are dedicated for playing games.



Note: Depending on the games, you can use the Q, E, Z, and C keys (as well as the 5-way navigation key) for playing games. S key has no function in playing games.

Using Airplane Mode (Radio Off)

In airplane mode (radio off), your mobile phone's GSM function is disabled; you can't make phone calls (not even emergency calls). Bluetooth and GPRS functions are also disabled.

You can write notes, read and write emails (but not send them), play games, create new appointments and events. Airplane mode gives your mobile phone a lot more operating time and can replace your need for Personal Digital Assistant (PDA). Airplane mode is useful in airplanes, hospitals and other GSM radio free places, because mobile phones can interfere with hospital equipment and other electronics.

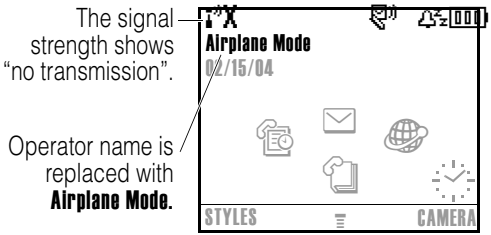
Find the Feature (☰) > **Extras** > **Airplane Mode**

Airplane mode provides the following selections: **On**, **Off** (default) and **Ask at Startup**:

- If you select airplane mode **On**, you can't make any calls. Bluetooth and GPRS functions are also disabled.
- If airplane mode **Off** is selected (default), your phone operates normally.
- If you select **Ask at startup**, at startup, the phone prompts you to select **Normal** or **Airplane**.

Note: Your phone remembers it is in airplane mode when you turn it off. If the **Ask at startup** setting is off and the

phone is in airplane mode when you turn it off, then the phone restarts in airplane mode.

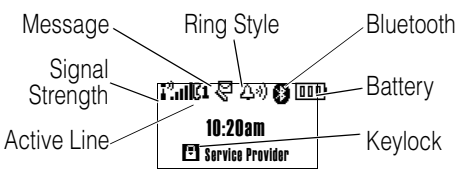


Learning to Use Your Phone

See page 2 for a basic phone diagram.

Using the External Keypad

When the flip is closed, the external display shows time and phone status information. It also displays messages to notify you of incoming calls and other events.



Using External Main Menu

	Press	To
1	⊙ or ⊙	scroll up or down between menu items
2	⊙	select an item
3	⊙	return to the previous screen

The external Main Menu provides the following selections: **Phonebook**, **Messages**, **Call Info** and **Ring Styles**.

Phonebook

	Press	To
1	⊙ or ⊙	scroll up or down between phone numbers
2	⊙	select a number to make a call
3	⊙	return to previous screen or end a call

Tip: To enter the phonebook press ⊙ (long press).

Message

When a new message arrives, a notification is displayed on the screen. On the external display you can read SMS messages.

	Press	To
1	⊙	read an SMS message
	or	
	⊙	dismiss the notification
2	⊙	return to previous screen

Call Info

Call Info list includes all phone calls, including dialed, received, and missed calls. When a phone number is displayed, you can call it by pressing the ⊙ key.

Tip: Call Info list can be accessed from the idle screen by pressing ⊙ once.

Ring Styles

You can select a ring style for the list by pressing the ⊙ key. Ring styles are: **Vibrate**, **Vibrate+ring**, **Silent**, **Loud ring**, and **Soft ring**.

Tip: Press and hold the ⊙ key to access the styles directly.

Dialing Menu

Dialing menu is entered by pressing ⊙ up or down keys, if numbers are pressed in idle state before activating the main menu, or if numbers are pressed during a call. Dialing menu items are:

Store	Store the number in notepad.
Attach Number	Attach a number from the phonebook or recent calls lists.
Show ID	Show caller ID for the next call.
Hide ID	Hide caller ID for the next call.
Insert Pause	Pause character is added to a digit string to create timed delay.
Insert Wait	Wait character is added to a digit string to create untimed delay.
Insert 'n'	'n' character is added to a digit string to represent a variable phone number. Typically used for automatic credit card dialing.
Talk then Fax	Talk and then send a fax in the same call (see page 91).

Network / Subscription Dependent Feature

Call Menu

Call menu is entered during outgoing call by pressing ⊙ up or down keys. Menu items are:

Mute/Unmute	Mute/Unmute the microphone.
Hold	Put the call on hold.
Switch	Switch to next call.
Speakerphone on/off	Switches on/off the speaker.
Link	Connect the call to multiparty conference call.
Talk to one	Select the call from the Ongoing calls list to talk to only one person.
Transfer	Transfer the current call to another telephone number.
New Call	Place a new call. Put the current call on hold.
Call Info	Displays received and dialed calls.

Return an Unanswered Call

Your phone keeps a record of your unanswered calls and displays **X Missed Calls** in the external display.

	Press	To
1	⊙	see the received calls list
2	⊙	scroll up or down to select a call
3	⊙	make the call

Using Voice Dialing

Voice dialing allows you to use voice recognition to initiate phone calls (stored in phone memory only).

Make a call using voice dial:

	Action
1	Press and hold the ⊙ key (or ⊿) to activate voice recognition and say the entry's name (within 2 seconds).
2	Release the ⊙ key (or ⊿) to initiate the call.

Voice dialing can be set using internal keyboard (see page 60).

Using Voice Record

Record a voice memo:

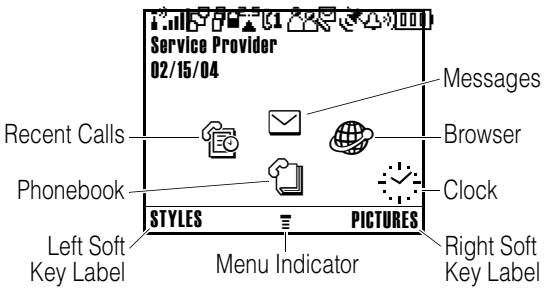
	Action
1	Press and hold the camera button to start recording and speak to the phone.
2	Release the camera button to stop the recording. A text label "**Stored: Voice Note #**" is displayed.

Note: Voice records are replayed only by using the internal keyboard (see page 93).

Using the Internal Display

See page 1 for a basic phone diagram.

The *home screen* is displayed when you are **not** on a call or using the menu. You must be in the home screen to dial a phone number.



Press the 5-way navigation key (⊙) left, right, up, or down to select 1 of the menu feature icons in the home screen. If you select a menu icon by mistake, press ⌫ to return to the home screen.

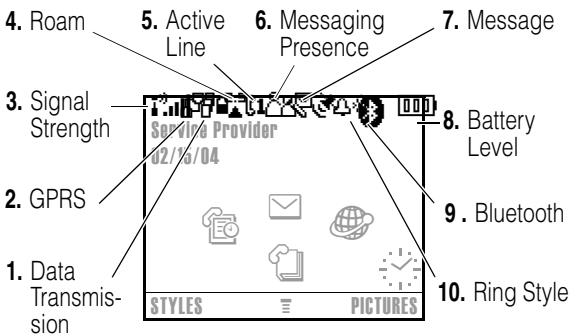
Note: Your service provider may customize the home screen so that it looks different from the display shown above. For example, your service provider may hide the home screen menu icons to allow a better view of the wallpaper image. You can still select the menu icons when they are hidden from view. To show or hide the menu icons, see page 86.

The ≣ (menu) indicator at the bottom center of the display indicates you can press the Menu key (≣) to enter the main menu.

Labels at the bottom corners of the display show the current soft key functions. Press the left soft key (⌜) or right soft key (⌝) to perform the function indicated by the left or right soft key label.

Your phone can display an analog or digital clock in the home screen (see page 86).

The following status indicators can display:



1. Data Transmission Indicator Shows connection and data transmission status. Indicators can include:

- = secure packet data transfer
- = unsecure packet data transfer
- = secure application connection
- = unsecure application connection
- = secure *Circuit Switch Data* (CSD) call
- = unsecure CSD call

2. GPRS Indicator Shows that your phone is using a high-speed *General Packet Radio Service* (GPRS) network connection. GPRS allows faster data transfer speeds.

Other indicators can include:

= GPRS PDP context active

= GPRS packet data available

3. Signal Strength Indicator Vertical bars show the strength of the network connection. You cannot make or receive calls when the (no signal) indicator or (no transmit) indicator is displayed.

4. Roam Indicator Shows when your phone is seeking or using another network outside your home network. Indicators can include:

= 2.5G home

= 2G home

= 2.5G roam

= 2G roam

5. Active Line Indicator Shows or to indicate the currently active phone line. Other indicators can include:

= line 1 active, call forward on

= line 2 active, call forward on

= alarm activated

6. Messaging Presence Indicator Shows when instant messaging is active. Indicators can include:

= IM active
= busy
= available for phone calls
= available for IM
= invisible to IM
= offline

When a Java application is active, the (java midlet) indicator can display in this location.

7. Message Indicator Displays when you receive a new message. Indicators can include:

= text message
= voicemail message
= voicemail and text message
= answering machine
= IM message
= active chat session

When you enter a message, a number in this location shows the number of characters left on the current page (text message), or the message size (multimedia message or letter).

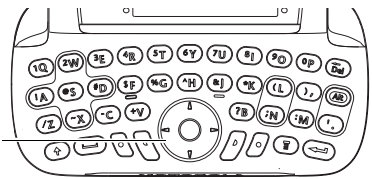
8. Battery Level Indicator Vertical bars show the battery charge level. Recharge the battery when **Low Battery** displays and the battery alert sounds.

9. Bluetooth Indicator Shows a Bluetooth connection has been established with another Bluetooth device.

10. Ring Style Indicator Shows the ring alert setting.

= loud ring	= soft ring
= vibrate	= vibrate and ring
= silent	

Using the 5-Way Navigation Key



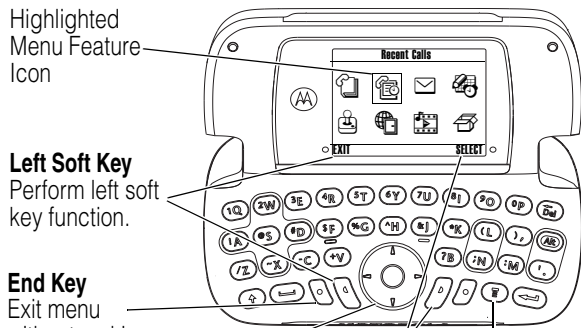
Use the 5-way navigation key (◎) to:

- scroll up, down, left, or right through the menu system
- highlight menu items
- change feature settings
- play games

Press the *center select* button to select a highlighted menu item. The center select button usually performs the same function as the right soft key (▱).

Using Menus

From the home screen, press ⊟ to enter the main menu.


Highlighted Menu Feature Icon
Recent Calls
EXIT
SELECT
Left Soft Key
Perform left soft key function.
End Key
Exit menu without making changes.
5-Way Navigation Key
Scroll up, down, left, or right. Press the center select button to perform right soft key function.
Right Soft Key
Perform right soft key function.
Menu Key
Enter menu system, or open a sub-menu.

Press ⊙ to scroll to and highlight a menu feature icon in the main menu. The following icons represent features that may display in the main menu, depending on your service provider and service subscription options.

Menu Icon	Feature	Menu Icon	Feature
	Phonebook		Office Tools
	Recent Calls		Games & Apps

Menu Icon	Feature	Menu Icon	Feature
	Messages		Web Access
	Multimedia		Extras

Selecting a Menu Feature

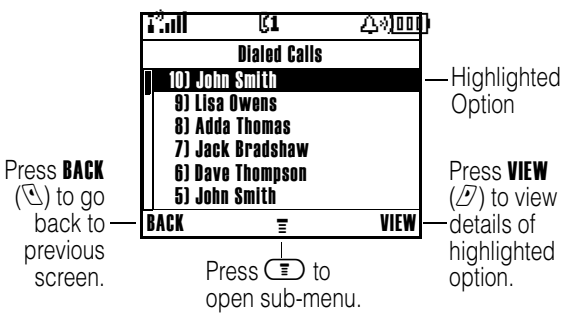
This section describes how to select a menu feature, starting from the home screen.

Find the Feature (☰) > **Recent Calls** > **Dialed Calls**

This example shows that from the home screen, you must press (☰), scroll to and select **Recent Calls** (📞) from the main menu, then scroll to and select **Dialed Calls**. Press ◎ to scroll, and the left/right soft keys to select the functions listed in the bottom left and right corners of the display.

Selecting a Feature Option

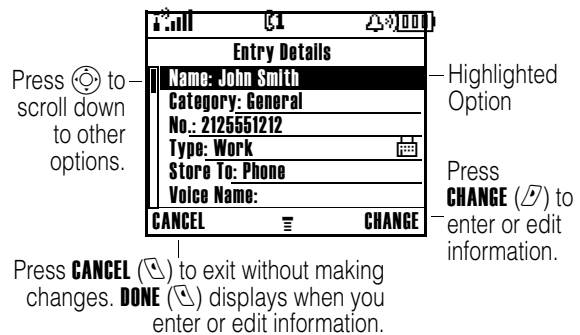
Some features require you to select an option from a list.



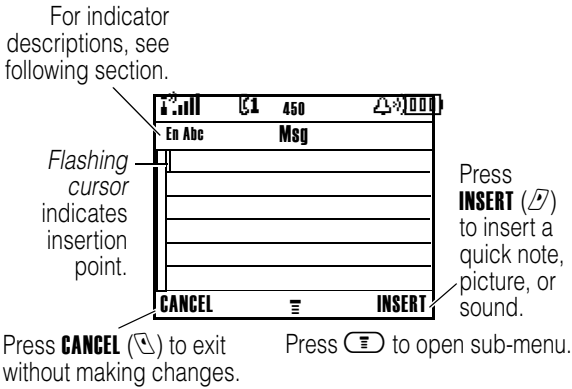
- Press ⊙ to scroll up or down to highlight the option you want.
- In a numbered list, press a number key to highlight the option.
- When an option has a list of possible values, press ⊙ left or right to scroll through and select a value.
- When an option has a list of possible numeric values, press a number key to set the value.

Entering Text

Some features require you to enter information.


Press ⊙ to scroll down to other options.
Entry Details
Name: John Smith
Category: General
No.: 2125551212
Type: Work
Store To: Phone
Voice Name:
CANCEL
CHANGE
Highlighted Option
Press CHANGE (⌐) to enter or edit information.
Press CANCEL (⌐) to exit without making changes. DONE (⌐) displays when you enter or edit information.

The message center lets you compose and send text messages.


For indicator descriptions, see following section.
En Abc
Msg
Flashing cursor indicates insertion point.
Press INSERT (⊿) to insert a quick note, picture, or sound.
CANCEL
INSERT
Press CANCEL (⌐) to exit without making changes.
Press (≡) to open sub-menu.

Entering Letters, Numbers and Characters

Multitap text entry makes it easy for you to enter names, numbers, and messages.

Press	To
letter keys	enter letters
(↑) + letter key	enter capital letter
enter capital letter	enter number
(Alt) + symbol key	enter symbol (!@# etc.)

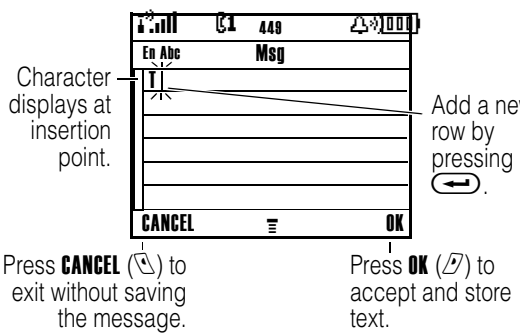
Tip: To lock Alt or Shift key press the key twice.

To enter symbol characters not visible on keyboard:

	Press	To
1	⊜	enter symbol not visible on keyboard
2	⊙	scroll to **Symbol**
3	**Select**	go to symbol window
4	⊙	highlight the symbol character
5	**Select**	enter the symbol character into text entry

Press and hold Alt allows you to enter symbol window directly.

When you enter text with the multitap method, the soft key functions change.



Character Chart

Use this chart as a guide for entering characters with the multitap method.

Key name	Key	SHIFT + Key	ALT + Key	SHIFT + ALT + Key
1Q	q	Q	1	1
2W	w	W	2	2
3E	e	E	3	3
4R	r	R	4	4
5T	t	T	5	5
6Y	y	Y	6	6
7U	u	U	7	7
8I	i	I	8	8
9O	o	O	9	9
0P	p	P	0	0
Del	Back-space	Back-space	Back-space	Back-space
!A	a	A	!	!
@S	s	S	@	@
#D	d	D	#	#
$F	f	F	$	$
%G	g	G	%	%
^H	h	H	^	^
&J	j	J	&	&
*K	k	K	*	*
(L	l	L	(	(

(),'	´	´	)	)
/Z	z	Z	/	/
~X	x	X	~	~
-C	c	C	-	-
+V	v	V	+	+
?B	b	B	?	?
;N	n	N	;	;
:M	m	M	:	:
'.	.	.	,	,

Note: This chart may not reflect the exact character set available on your phone.

Multitap Text Entry Rules

- Press left or right to move the flashing cursor to the left or right in a text message.
- Press up or down to move the flashing cursor to next or previous row in a text message.
- If you enter or edit information and do not want to save the changes, press to exit without saving.

Symbol Chart

Use this chart as a guide for entering characters not visible on keyboard.

_ " ' ¿ ¡ £ ¥ ¤ € \ [ ] { } ~ < > =

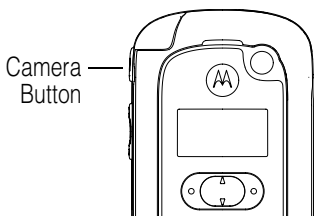
Note: This chart may not reflect the exact character set available on your phone.

Deleting Letters and Words

Place the cursor to the right of the text you want to delete, and then:

Action
Press Del to delete 1 letter at a time.
Hold Del to delete the entire message.

Using the Camera Button



With the camera button you can activate the camera and take a picture. Also a long press activates the voice recording (memo).

Using the Handsfree Speaker

With the phone's integrated handsfree speaker, you can talk to the other party without holding the phone to your ear.

When a call is accepted and you open the flip, the phone automatically switches the integrated handsfree speaker On. You can turn the handsfree speaker Off during the call by pressing **SPEAKER OFF** (⁄) or closing the flip.
In this last case, the call will not be terminated and you can continue talking as you normally would.

Note: The handsfree speaker is disabled when you connect your phone to a handsfree car kit or headset accessory.

Changing a Code, PIN, or Password

Your phone's 4-digit unlock code is originally set to 1234, and the 6-digit security code is originally set to 000000. Your service provider may reset these codes before you receive your phone.

If your service provider has **not** reset these codes, we recommend that you change them to prevent others from accessing your personal information. The unlock code must contain 4 digits, and the security code must contain 6 digits.

You can also reset your SIM card PIN code, PIN2 code, and/or call barring password if necessary.

To change a code or password:

Find the Feature (☰) > Extras > Settings > Security > New Passwords

Locking and Unlocking Your Phone

You can lock your phone manually or set the phone to lock automatically whenever you turn it off.

To use a locked phone, you must enter the unlock code. A locked phone still rings or vibrates for incoming calls or messages, **but you must unlock it to answer**.

You can make emergency calls on your phone even when it is locked (see page 69).

Locking Your Phone Manually

Find the Feature (☰) > Extras > Settings > Security > Phone Lock > Lock Now

	Press	To
1	keyboard keys	enter the unlock code
2	OK (⌐)	lock the phone

Unlocking Your Phone

Tip: Your phone's unlock code is originally set to 1234. Many service providers reset the unlock code to the last 4 digits of your phone number.

At the Enter Unlock Code prompt:

	Press	To
1	keyboard keys	enter your unlock code
2	OK (⌐)	unlock your phone

Setting Your Phone to Lock Automatically

You can set your phone to lock every time you turn it off.

Find the Feature (☰) > **Extras** > **Settings** > **Security** > **Phone Lock** > **Automatic Lock** > **On**

	Press	To
1	keyboard keys	enter your unlock code
2	**OK** (⁄)	activate automatic lock

If You Forget a Code, PIN, or Password

If you forget your unlock code, try entering 1234 or the last 4 digits of your phone number. If that does not work, at the **Enter Unlock Code** prompt:

	Press	To
1	(☰)	display the unlock code bypass screen
2	keyboard keys	enter the security code
3	**OK** (⁄)	submit the security code

If you forget your security code, SIM card PIN code, PIN2 code, or call barring password, contact your service provider.

Using the Phonebook

This section briefly describes basic phonebook operations. For more information about using the phonebook, see page 83.

Storing a Phone Number

Enter a phone number in the home screen, then press **STORE** (⁄) to create a phonebook entry with that number. Fill in the other fields to complete the entry.

Select **MORE** to store another number (for example, a work number) under the same **Name**.

Recording a Voice Name (for Voice Dialing)

When creating a phonebook entry, scroll to **Voice Name** (☰ > **Phonebook** > *phonebook entry* > **View** > **Edit** > **Voice name:**) and press **RECORD** (⁄). Press and release the camera button and say the entry's name (within 2 seconds). When prompted, press and release the camera button and repeat the name. Press **DONE** (⁄) to store the voice name.

Note: This option is not available for entries stored on the SIM card.

Voice Dialing a Number

Press and hold the **SEND** key (⁄ or ◯), and say the entry's name (within 2 seconds).

Dialing a Number

Press ☰ > **Phonebook** > *entry* and press ⁄ to call.

Sorting Phonebook Entries

Press ⓜ > **Phonebook**> press ⓜ > **Setup** > **Sort by**, then select whether you want to sort the phonebook list by **Name**, **Speed No.**, **Voice Name**, or **Email**.

When sorting by name, you can view **All** numbers or just the **Primary** number for each name. To set the primary number for a name, see page 85.

Viewing Entries By Category

Press ⓜ > **Phonebook**, press ⓜ > **Categories**, then select whether you want to view **All** entries, entries in a predefined category (**Business**, **Personal**, **General**, **VIPs**).

To set the category for a phonebook entry, see page 84.

Setting Picture Caller ID View

Press ⓜ > **Phonebook**, press ⓜ > **Setup** > **View by** > **Picture**.

To assign a photo to a phonebook entry, see pages 3 and 26.

Setting Up Your Phone

Storing Your Name and Phone Number

To store or edit your name and phone number information on your SIM card:

Find the Feature (☰) > **Extras** > **Settings** > **Phone Status** > **My Tel. Numbers**

Shortcut: Press (☰) (#D) from the home screen to edit your name and phone number.

If you do not know your phone number, contact your service provider.

Setting the Time and Date

You must set the time and date to use the datebook.

Find the Feature (☰) > **Extras** > **Settings** > **Initial Setup** > **Time and Date**

Setting Time and Date see details page 24.

Setting a Ring Style

Your phone rings or vibrates to notify you of an incoming call or other event. This ring or vibration is called an *alert*.

You can select 1 of 5 different ring styles. The ring style indicator in the display shows the current ring style (see pages 45 and 48).

To set a ring style:

Find the Feature (☰) > **Extras** > **Settings** > **Ring Styles** > **Style**

	Press	To
1	◎	scroll to the ring style
2	**CHANGE** (▱)	select the ring style

Note: You can change settings for specific event alerts, ringer ID, and ringer and keypad volume etc. To change these settings: (☰) > **Extra** > **Settings** > **Ring Styles** > **Style Detail**, select the highlighted item and press **CHANGE** (▱).

Setting Answer Options

You can use additional, alternative methods to answer an incoming call.

Multi-Key answer by pressing any key

To activate or deactivate an answer option:

Find the Feature (☰) > **Extras** > **Settings** > **In-Call Setup** > **Answer Options**

	Press	To
1	⊙	scroll to **Multi-Key**
2	**CHANGE** (⌐)	select the option
3	⊙	scroll to **On** or **Off**
4	**SELECT** (⌐)	confirm the setting

Setting a Wallpaper Image

You can set a photo, picture, or animation as a wallpaper (background) image in your phone's home screen.

Find the Feature ☰ > **Extras** > **Settings** > **Personalize** > **Wallpaper**

	Press	To
1	⊙	scroll to **Picture**
2	**CHANGE** (⌐)	open the picture viewer
3	⊙ up or down	scroll to a picture/animation Scroll to **(None)** to turn off the wallpaper image.
4	**SELECT** (⌐)	select the image
5	⊙	scroll to **Layout**
6	**CHANGE** (⌐)	adjust the image layout

	Press	To
7		scroll to **Center**, **Tile**, or **Fit-to-screen** **Center** places the image in the center of the display. **Tile** fills the display with adjacent copies of the image. **Fit-to-screen** resizes the image, if necessary, to fit the display.
8	**SELECT**	confirm the layout setting
9	**BACK**	save wallpaper settings

Setting a Screen Saver Image

You can set a photo, picture, or animation as a screen saver image.

The screen saver image displays when the flip is open and no activity is detected for a specified time. The image shrinks to fill the display, if necessary. An animation repeats for 1 minute, then the first frame of the animation displays.

Tip: Turn off the screen saver to extend battery life.

Find the Feature > **Extras** > **Settings** > **Personalize** > **Screen Saver**

	Press	To
1		scroll to **Picture**
2	**CHANGE**	open the picture viewer

	Press	To
3	⊙ up or down	scroll to a picture/animation Scroll to **(None)** to turn off the screen saver image.
4	**SELECT** (▱)	select the image
5	⊙	scroll to **Delay**
6	**CHANGE** (▱)	set the delay interval
7	⊙	scroll to the inactivity interval that triggers the screen saver
8	**SELECT** (▱)	confirm the delay setting
9	**BACK** (↩)	save the screen saver settings

Setting Display Color

You can select the color palette that your phone uses to display indicators, highlights, and soft key labels.

Find the Feature ☰ > **Extras** > **Settings** > **Personalize** > **Color Style**

Adjusting the Backlight

You can set the amount of time that the display and keypad backlights remain on, or turn off backlights to extend battery life.

Find the Feature ☰ > **Extras** > **Settings** > **Initial Setup** > **Backlight**

Calling Features

For basic instructions on how to make and answer calls, see page 23.

Changing the Active Line

Change the active phone line to make and receive calls from your other phone number.

Note: This feature is available only for dual-line-enabled SIM cards.

Find the Feature (Menu) > **Extras** > **Settings** > **Phone Status** > **Active Line**

The active line indicator in the display shows the currently active phone line (see page 45).

Redialing a Number

	Press	To
1	Send or (Menu)	view the dialed calls list
2	Navigation or (Menu)	scroll to the entry you want to call
3	Send or (Menu)	redial the number

Using Caller ID

Incoming Calls

Calling line identification (caller ID) displays the phone number for incoming calls in your phone's external and internal displays.

The phone displays the caller's name (and picture, if available) when the name is stored in your phonebook, or **Incoming Call** when caller ID information is not available.

You can also set your phone to play a distinctive ringer ID for specific entries stored in your phonebook. For more information, see page 83.

Outgoing Calls

You can show or hide your phone number as an ID for the calls that you make.

Find the Feature (☰) > **Extras** > **Settings** > **In-Call Setup** > **My Caller ID**

You can override the default caller ID setting when you make a call. While dialing (with digits visible in the display):

Press	To
(☰) > **Hide ID/Show ID**	hide or show your caller ID for the next call

Turning Off a Call Alert

You can turn off your phone's incoming call alert before answering the call.

Press	To
either volume key	turn off the alert

Calling an Emergency Number

Your service provider programs 1 or more emergency phone numbers, such as 911, that you can call under any circumstances, even when your phone is locked or the SIM card is not inserted.

Note: Emergency numbers vary by country. Your phone's preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

	Press	To
1	keypad keys	dial the emergency number
2	⌐ or ⌐	call the emergency number

Dialing International Numbers

Press and hold 0+ (external keypad) or +V (internal keyboard) to insert the local international access code (+) for the country you are calling from.

Viewing Recent Calls

Your phone keeps lists of the calls you recently received and dialed, even if the calls did not connect. The lists are sorted from newest to oldest entries. The oldest entries are deleted as new entries are added.

Shortcut: Press ⌐ (or ⊂⊃) from the home screen to view the dialed calls list.

Find the Feature ⊂≡⊃ > **Recent Calls**

	Press	To
1	⊂≡⊃	go to main menu
2	⊂◎⊃	scroll to **Recent Calls**
3	**SELECT** (⌐)	select **Recent Calls**
4	⊂◎⊃	scroll to **Received Calls** or **Dialed Calls**
5	**SELECT** (⌐)	select the list
6	⊂◎⊃	scroll to an entry **Note:** ✓ means the call connected.

Press	To
7	call the entry's number
	Tip: Press keyboard keys to send numbers as DTMF tones during a call. See options below.
or	
VIEW (-)	view entry details
or	
(=)	open the **Last Calls Menu** to perform various operations on the entry

The **Last Calls Menu** can include the following options:

Option	Description
Store	Create a phonebook entry with the number in the **No.** field.
Delete	Delete the entry.
Delete All	Delete all entries in the list.
Hide ID/Show ID	Hide or show your caller ID for the next call.
Send Message	Open a new text message with the number in the **To** field.
Add Digits	Add digits after the number.
Attach Number	Attach a number from the phonebook or recent calls lists.

Option	Description
Send Tones	Send the number to the network as DTMF tones. **Note:** This option displays only during a call.
Talk then Fax	Talk and then send a fax in the same call (see page 91).

Returning an Unanswered Call

Your phone keeps a record of your unanswered calls, and displays:

- the (missed call) indicator
- **X Missed Calls**, where **X** is the number of missed calls

	Press	To
1	**VIEW** (▽) or ⊂⊃	see the received calls list
2	⊂⊃ or ⊂⊃	select a call to return
3	▽ or ⊂⊃	make the call

Using the Notepad

The most recent set of digits entered on the keypad are stored in your phone's *notepad* memory. This can be a phone number that you called, or a number that you entered but did not call. To retrieve the number stored in the notepad:

Find the Feature ⊂⊃ > **Recent Calls** > **Notepad**

Press	To
	call the number
or	
	open the **Dialing Menu** to attach a number or insert a special character
or	
STORE	create a phonebook entry with the number in the **No.** field

Attaching a Number

While dialing (with digits visible in the display):

Press	To
> **Attach Number**	attach a number from the phonebook or recent calls lists

Calling With Speed Dial

Each entry you store in your phonebook is assigned a unique *speed dial* number (1-99) in phone memory or on the SIM card.

Tip: To see an entry's speed dial number, press > **Phonebook**, scroll to the entry, press **VIEW** ().

To speed dial a phonebook entry:

	Press	To
1	keypad or keyboard keys	enter the speed dial number for the entry you want to call
2	#	submit the number
3	(OK) or [Call]	call the entry

Using Voicemail

Voicemail messages that you receive are stored on the network. To listen to your messages, you must call your voicemail phone number.

Note: Your service provider may include additional information about using this feature.

Listening to Voicemail Messages

Find the Feature (Menu) > **Messages** > **VoiceMail**

The phone calls your voicemail phone number. If no voicemail number is stored, your phone prompts you to store a number.

Receiving a Voicemail Message

When you receive a voicemail message, your phone displays the (voicemail message) indicator and a **New VoiceMail** notification.

Press	To
CALL ([Call])	listen to the message

The phone calls your voicemail phone number. If no voicemail number is stored, your phone prompts you to store a number.

Storing Your Voicemail Number

If necessary, use the following procedure to store your voicemail phone number on your phone. Usually, your service provider has already done this for you.

Find the Feature (☰) > **Messages**
(☰) > **VoiceMail Setup**

	Press	To
1	**CHANGE** (⌐)	open the **VoiceMail No.**
2	keypad keys	enter your voicemail number
3	**OK** (⌐)	store the number

Using Call Waiting

When you are on a call, an alert tone sounds to indicate that you have received a second call.

	Press	To
1		answer the new call
2	**SWITCH**	switch between calls
	or	
	LINK	connect the 2 calls
	or	
	> **End Call On Hold**	end the call on hold

You must turn on call waiting to use the feature. To turn call waiting on or off:

Find the Feature > **Extras** > **Settings** > **In-Call Setup** > **Call Waiting**

Putting a Call On Hold

Press	To
HOLD (if available) or > **Hold**	put the call on hold

Transferring a Call

You can announce that you are transferring an active call to another party, or you can directly transfer the call.

Announce the Call Transfer

Find the Feature > **Hold**

	Press	To
1	keypad keys	dial the number where you are transferring the call
2		call the number and speak to the person who answers
3		open the menu
4		scroll to **Transfer**
5	**SELECT** ( )	select **Transfer**
6	**OK** ( )	confirm the transfer

Do Not Announce the Call Transfer

Find the Feature > **Transfer**

	Press	To
1	keypad keys	dial the number where you are transferring the call
2		transfer the call

Phone Features

Main Menu

This is the standard main menu layout. **Menu organization and feature names may vary on your phone.** Not all features may be available on your phone.

- **Phonebook**
- **Recent Calls**
  - Received Calls
  - Dialed Calls
  - Notepad
  - Call Times
  - Call Cost
  - Data Times
  - Data Volumes
- **Messages**
  - Create Message
  - Email Msgs
  - Message Inbox
  - Voicemail
  - Browser Msgs
  - Info Services
  - Quick Notes
  - Outbox
  - Drafts
  - MMS Templates
- **Office Tools**
  - SIM Apps
  - Calculator
  - Datebook
  - Shortcuts
  - Voice Records
  - Alarm Clock
  - Dialing Services
  - Mobile QQ
  - Chat
- **Games & Apps**
- **Web Access**
  - Browser
  - Web Shortcuts
  - Stored Pages
  - History
  - Go To URL
  - Browser Setup
  - Web Sessions
- **Multimedia**
  - Themes
  - Camera
  - Pictures
  - Sounds
  - MotoMixer
  - Videos
- **Extras**
  - IM
    - Log In
    - Offline Convs.
    - Offline Settings
    - Help
  - Airplane Mode
  - Settings

(see next page)

Settings Menu

Personalize
- Home Screen
- Main Menu
- Color Style
- Greeting
- Wallpaper
- Screen Saver
- Quick Dial

Ring Styles
- Style
  - *Style* Detail

Connection
- Bluetooth Link
- Sync

Call Forward
- Voice Calls
- Fax Calls
- Data Calls
- Cancel All
- Forward Status

In-Call Setup
- In-Call Timer
- Call Cost Setup
- My Caller ID
- Talk and Fax
- Answer Options
- Call Waiting

Initial Setup
- Time and Date
- 1-Touch Dial
- Display Timeout
- Backlight
- TTY Setup
- Scroll
- Language
- Battery Save
- Brightness
- DTMF
- Master Reset
- Master Clear

Phone Status
- My Tel. Numbers
- Active Line
- Battery Meter
- Other Information

Headset
- Auto Answer
- Voice dial
- Power-off Delay
- Charger Time

Car settings

Network

Security
- Phone Lock
- Lock Application
- Fixed Dial
- Call Barring
- SIM PIN
- New Passwords

Java Settings
- Java App Loader
- Java System
- Delete All Apps
- App Vibration
- App Volume
- App Priority
- App Backlight
- Set Standby App
- DNS IP

Shortcuts
Change ringer style: Open flip, press **STYLES** (⌐) and change ring styles.
Display my phone number: Press (≡) (#D).
Go to dialed calls list: Press ◡ (or (○)).
Exit menu system: Press ⌐ (or (○)).

Feature Quick Reference

This sections helps you to locate features on your phone that are not described elsewhere in this guide.

Calling Features

Feature	Description
Conference Call	During a call: ⓜ > **Hold**, dial next number, press ⓞ, press **LINK** (✎)
Call Forwarding	Set up or cancel call forwarding: ⓜ > **Extras** > **Settings** > **Call Forward**
Call Barring	Restrict outgoing or incoming calls: ⓜ > **Extras** > **Settings** > **Security** > **Call Barring**
TTY Calls	Set up your phone for use with an optional TTY device: ⓜ > **Extras** > **Settings** > **Initial Setup** > **TTY Setup**

Messages

Feature	Description
Send Text Message	Send a text message: ⓜ > **Messages** > **Create Message** > **New Short Msg**
Send Multimedia Message	Send a multimedia message: ⓜ > **Messages** > **Create Message** > **New Multimedia Msg**
Send Letter	Send a multimedia letter: ⓜ > **Messages** > **Create Message** > **New Letter**
Use MMS Template	Open an MMS template with preloaded media: ⓜ > **Messages** > **Create Message** > **MMS Templates**
Read Message	Read a new text or multimedia message that you have received: Press **READ** (/).
Store Message Objects	Go to a multimedia message slide, or highlight an object in a letter, then: ⓜ > **Store**

Instant Messaging

Feature	Description
Log In	Log in to instant messaging: (☰) > **Extras** > **IM** > **Log In**
Find Others Online	After you sign on: Select **Contact List** to see a list of other users.
Start Conversation	Start a conversation: From your **Contact List**, highlight a name in **Online Contacts**, press **SEND IM** (⌐).
Open Active Conversation	Open a conversation in progress: From your **Contact List**, highlight a name in **Conversations**, press **VIEW** (⌐).
End Conversation	From the conversation display: (☰) > **End Conversation**
Log Out	Log out of instant messaging: Select **Log Out** from the **IM Online** menu.

Chat

Feature	Description
Start Chat	Start a new chat session: (☰) > **Office Tools** > **Chat** **NEW** (Ⓞ)
Receive Chat Request	When you receive a chat request: Press **READ** (Ⓞ) or **EXIT** (⏎).
End Chat	During a chat session: (☰) > **End Chat**

Email

Feature	Description
Send Email Message	Send an email message: (☰) > **Messages** > **Create Message** > **New Email**
Receive Email Message	Read a new email message that you have received: Press **READ** (Ⓞ).

Phonebook

Feature	Description
Create Entry	Create a new phonebook entry: (☰) > **Phonebook** > [**New Entry**] **SELECT** (Ⓞ) > **Phone Number** or **Email Address** or **Mailing List**

Feature	Description
Group Mailing List	Create a group mailing list as a phonebook entry: Ⓜ > **Phonebook** Ⓜ > **New** > **Mailing List**
Dial Number	Call a number stored in the phonebook: Ⓜ > **Phonebook** > *entry to call*
Voice Dial Number	Voice dial a number stored in the phonebook: Press and hold the ⓒ (or ⓥ) key, and say the entry's name (within 2 seconds).
Set Ringer ID for Entry	Assign a distinctive ringer alert to a phonebook entry: Ⓜ > **Phonebook** > *entry* Ⓜ > **Edit** > **Ringer ID** > *ringer name* **Note:** This option is not available for entries stored on the SIM card.
Set Category for Entry	Set the category for a phonebook entry: Ⓜ > **Phonebook** > *entry* Ⓜ > **Edit** > **Category** > *category name* **Note:** This option is not available for entries stored on the SIM card.
Set Category View	Set phonebook category view: Ⓜ > **Phonebook** Ⓜ > **Categories** > *category view*

Feature	Description
Set Picture Caller ID View	View phonebook entries as text list, or with picture caller ID photos: Ⓜ > **Phonebook** Ⓜ > **Setup** > **View by** > *list view*
Sort Phonebook List	Set the order in which phonebook entries are listed: Ⓜ > **Phonebook** Ⓜ > **Setup** > **Sort by** > *sort order*
Set Primary Number	Set a primary number for a phonebook entry with multiple numbers: Ⓜ > **Phonebook**, scroll to entry, press Ⓜ > **Set Primary** > *phone number.*
Copy Phonebook Entry to Another Device	Copy a phonebook entry to another phone, computer, or device: Ⓜ > **Phonebook**, highlight the entry, press Ⓜ > **Send** > **Bluetooth**

Personalizing Features

Feature	Description
Ring Style	Change the ring style settings for an event: Ⓜ > **Extras** > **Settings** > **Ring Styles** > *Style* **Detail**
Ringer IDs	Activate distinctive ringer styles assigned to phonebook entries: Ⓜ > **Extras** > **Settings** > **Ring Styles** > *Style* **Detail** > **Ringer IDs**

Feature	Description
Ring Volume	Set ringer volume: Ⓜ > **Extras** > **Settings** > **Ring Styles** > *Style* **Detail** > **Ring Volume**
Keypad Volume	Set keypad keypress volume: Ⓜ > **Extras** > **Settings** > **Ring Styles** > *Style* **Detail** > **Key Volume**
Clock View	Display an analog clock or digital time readout in the home screen: Ⓜ > **Extras** > **Settings** > **Personalize** > **Home Screen** > **Clock**
Menu View	Display the main menu as graphic icons or as a text-based list: Ⓜ > **Extras** > **Settings** > **Personalize** > **Main Menu** > **View**
Main Menu	Reorder your phone's main menu: Ⓜ > **Extras** > **Settings** > **Personalize** > **Main Menu** > **Reorder**
Show or Hide Menu Icons	Show or hide menu feature icons in the home screen: Ⓜ > **Extras** > **Settings** > **Personalize** > **Home Screen** > **Home Keys** > **Icons**
Change Soft Keys & Menu Icons	Change soft key labels and menu feature icons in the home screen: Ⓜ > **Extras** > **Settings** > **Personalize** > **Home Screen**> **Home Keys**

Feature	Description
Shortcuts	Create a shortcut to a menu item: Highlight the menu item, then press and hold ⓜ. Select a shortcut: ⓜ + one or two digits (1-99)

Menu Features

Feature	Description
Language	Set menu language: ⓜ > **Extras** > **Settings** > **Initial Setup** > **Language**
Master Reset	Reset all options *except* unlock code, security code, and lifetime timer: ⓜ > **Extras** > **Settings** > **Initial Setup** > **Master Reset**
Master Clear	Reset all options *except* unlock code, security code, and lifetime timer, and clear all user settings and entries *except* SIM card information: ⓜ > **Extras** > **Settings** > **Initial Setup** > **Master Clear**

Dialing Features

Feature	Description
Fixed Dial	Turn fixed dialing on or off: Ⓜ > **Extras** > **Settings** > **Security** > **Fixed Dial** Use the fixed dial list: Ⓜ > **Office Tools** > **Dialing Services** > **Fixed Dial**
Service Dial	Dial service phone numbers: Ⓜ > **Office Tools** > **Dialing Services** > **Service Dial**
Quick Dial	Dial preprogrammed phone numbers: Ⓜ > **Office Tools** > **Dialing Services** > **Quick Dial**
DTMF Tones	Activate DTMF tones: Ⓜ > **Extras** > **Settings** > **Initial Setup** > **DTMF** Send DTMF tones during a call: Press the number keys. Send stored numbers as DTMF tones during a call: Highlight a number in the phonebook or recent calls lists, then press Ⓜ > **Send Tones**.

Call Monitoring

Network connection time is the elapsed time from the moment you connect to your service provider's network to the moment you end the call by pressing ☎ or ⏻. This time includes busy signals and ringing.

The amount of network connection time you track on your resettable timer may not equal the amount of time for which you are billed by your service provider. For billing information, contact your service provider.

Feature	Description
Call Times	View call timers: Ⓜ > **Recent Calls** > **Call Times**
In-Call Timer	Display time or cost information during a call: Ⓜ > **Extras** > **Settings** > **In-Call Setup** > **In-Call Timer**
Call Cost	View call cost trackers: Ⓜ > **Recent Calls** > **Call Cost**

Handsfree Features

Note: The use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always

obey the laws and regulations on the use of these products.

Feature	Description
Speaker-phone	Activate a connected external speakerphone during a call: Press **SPEAKER** (⁄) (if available) or (☰) > **Spkrphone On**.
Auto Answer (car kit or headset)	Automatically answer calls when connected to a car kit or headset: (☰) > **Extras** > **Settings** > **Car Settings** or **Headset** > **Auto Answer**
Voice Dial (headset)	Enable voice dial with headset send/end key: (☰) > **Extras** > **Settings** > **Headset** > **Voice Dial**
Auto Handsfree (car kit)	Automatically route calls to a car kit when connected: (☰) > **Extras** > **Settings** > **Car Settings** > **Auto Handsfree**
Power-Off Delay (car kit)	Set the phone to stay on for a specified time after the ignition is switched off: (☰) > **Extras** > **Settings** > **Car Settings** > **Power-Off Delay**

Feature	Description
Charger Time (car kit)	Charge the phone for a specified time after the ignition is switched off: ⓜ > **Extras** > **Settings** > **Car Settings** > **Charger Time**

Data and Fax Calls

Feature	Description
Send Data or Fax	Connect your phone to the device, then place the call through the device application.
Receive Data or Fax	Connect your phone to the device, then answer the call through the device application.
Talk and Fax	Connect your phone to the device, enter the number, press ⓜ > **Extras** > **Settings** > **In-Call Setup** > **Talk and Fax**, then press ⌐ to make the call.

Feature	Description
Make Phone Visible to Other Device	Allow an unknown Bluetooth device to discover your phone: ⓜ > **Extras** > **Settings** > **Connection** > **Bluetooth Link** > **Setup** > **Find Me**
Connect to Recognized Device	Connect to a recognized handsfree device: ⓜ > **Extras** > **Settings** > **Connection** > **Bluetooth Link** > **Handsfree** > *device name*
Disconnect From Device	Disconnect from a device: Highlight the device name and press **DROP** (⌦).
Switch to Device During Call	Switch to a headset or car kit during a call: ⓜ > **Use Bluetooth**
Edit Device Properties	Edit the properties of a recognized device: Highlight the device name and press ⓜ > **Edit**.
Set Bluetooth Options	Set your phone's Bluetooth options: ⓜ > **Extras** > **Settings** > **Connection** > **Bluetooth Link** > **Setup**

Network Features

Feature	Description
Network Settings	View network information and adjust network settings: ⊂ > **Extras** > **Settings** > **Network**

Personal Organizer Features

Feature	Description
Add Datebook Event	Add an event to the datebook: ⊂ > **Office Tools** > **Datebook** > *day* ⊂ > **New**
View Datebook Event	View or edit event details: ⊂ > **Office Tools** > **Datebook** > *day* > ⊙ > *event name* > **VIEW** (⌐)
Event Reminder	View event reminder: **VIEW** (⌐) Dismiss event reminder: **EXIT** (⌐)
Copy Datebook Event to Another Device	Copy a datebook entry to another phone, computer, or device: ⊂ > **Office Tools** > **Datebook** > **day**, highlight the entry, press ⊂ > **Send** > **Bluetooth**
Set Alarm	Set an alarm: ⊂ > **Office Tools** > **Alarm Clock**

Feature	Description
Turn Off Alarm	Turn off alarm: Press **DISABLE** (⌐) or ⊙. Set 8-minute delay: Press **SNOOZE** (⌐) or ⊙.
Create Voice Record	Create a voice record: Press and hold the camera button, speak into the phone, and release the camera button. **Note:** Recording phone calls is subject to varying state and federal laws regarding privacy and recording of conversations.
Play Voice Record	Play back a voice record: ☰ > **Office Tools** > **Voice Records** > *voice record*
Calculator	Calculate numbers: ☰ > **Office Tools** > **Calculator**
Currency Converter	Convert currency: ☰ > **Office Tools** > **Calculator** ☰ > **Exchange Rate** Enter exchange rate, press **OK** (⌐), enter amount, press ☰ > **Convert Currency**.

Security

Feature	Description
SIM PIN	Lock or unlock the SIM card: Ⓜ > **Extras** > **Settings** > **Security** > **SIM PIN** **Caution:** If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays **SIM Blocked**.
Lock Application	Lock phone applications: Ⓜ > **Extras** > **Settings** > **Security** > **Lock Application**

News and Entertainment

Feature	Description
Launch Micro-Browser	Start a micro-browser session: Ⓜ > **Web Access** > **Browser**
Download Objects from Web Page	Download a picture, sound, or phone theme from a Web page: Highlight the file, press **SELECT** (Ⓜ), press **STORE** (Ⓜ).
Web Sessions	Select or create a Web session: Ⓜ > **Web Access** > **Web Sessions**

Feature	Description
Apply Phone Theme	Apply a grouped set of image and sound files to your phone: Ⓜ > **Multimedia** > **Themes** > *theme*
Download Game or Application	Download a Java game or application: Ⓜ > **Web Access** > **Browser**, highlight the application, press **SELECT** (Ⓢ), press **DWNLOAD** (Ⓢ)
Launch Game or Application	Launch a Java game or application: Ⓜ > **Games & Apps**, highlight the application, press **SELECT** (Ⓢ)
Manage Pictures	Manage pictures and animations: Ⓜ > **Multimedia** > **Pictures**
Manage Sounds	Manage ring tones, sounds that you have composed or downloaded: Ⓜ > **Multimedia** > **Sounds**
Manage Video Clips	Manage video clips: Ⓜ > **Multimedia** > **Videos**
Edit Sounds With MotoMixer	Edit MIDI-based sound files that you can use with your phone: Ⓜ > **Multimedia** > **MotoMixer** > [**New Mix**] or *mix file name*

Feature	Description
Create Ring Tones	Create ring tones that you can use with your phone: Ⓜ > **Extras** > **Settings** > **Ring Styles** > **My Tones** > [**New Tone**]
Camera	Adjust light level and other settings for the integrated camera: Ⓜ > **Multimedia** > **Camera**

Specific Absorption Rate Data

The model wireless phone meets the government's requirements for exposure to radio waves.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and by the Canadian regulatory authorities. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age or health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 W/kg.[1] Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when tested for use at the ear is 0.59 W/kg, and when worn on the body, as

described in this user guide, is 0.79 W/kg. The SAR value for this product in its data transmission mode (body-worn use) is 0.80 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).[2]

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Web site:

`http://www.phonefacts.net`

or the Canadian Wireless Telecommunications Association (CWTA) Web site:

`http://www.cwta.ca`

1. In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.
2. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

Consumer Information on Wireless Phones from the FDA

The U.S. Food and Drug Administration (FDA) provides consumer information on wireless phones at:

http://www.fda.gov/cellphones/qa.html

Following are safety-related questions and answers discussed at this web site.

Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a

case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the primary subject of the safety questions discussed in this document.

What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

If there is a risk from these products--and at this point we do not know that there is--it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly

precautionary; it was not based on scientific evidence that any health hazard exists.

Do handsfree kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that handsfree kits reduce risks. Handsfree kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike “handsfree” kits, these so-called “shields” may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal Trade Commission (FTC) *charged two companies* that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims. According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

Motorola Limited Warranty for the United States and Canada

What Does this Warranty Cover?

Subject to the exclusions contained below, Motorola, Inc. warrants its telephones, pagers, messaging devices, and consumer and professional two-way radios (excluding commercial, government or industrial radios) that operate via Family Radio Service or General Mobile Radio Service, Motorola-branded or certified accessories sold for use with these Products ("Accessories") and Motorola software contained on CD-ROMs or other tangible media and sold for use with these Products ("Software") to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. This limited warranty is a consumer's exclusive remedy, and applies as follows to new Motorola Products, Accessories and Software purchased by consumers in the United States or Canada, which are accompanied by this written warranty:

Products and Accessories

Products Covered	Length of Coverage
Products and Accessories as defined above, unless otherwise provided for below.	**One (1) year** from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
Decorative Accessories and Cases. Decorative covers, bezels, PhoneWrap™ covers and cases.	**Limited lifetime warranty** for the lifetime of ownership by the first consumer purchaser of the product.

Products Covered	Length of Coverage
Monaural Headsets. Ear buds and boom headsets that transmit mono sound through a wired connection.	**Limited lifetime warranty** for the lifetime of ownership by the first consumer purchaser of the product.
Consumer and Professional Two-Way Radio Accessories.	**Ninety (90) days** from the date of purchase by the first consumer purchaser of the product.
Products and Accessories that are Repaired or Replaced.	**The balance of the original warranty or for ninety (90) days** from the date returned to the consumer, whichever is longer.

Exclusions

Normal Wear and Tear. Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

Batteries. Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this limited warranty.

Abuse & Misuse. Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of Motorola, are excluded from coverage.

Use of Non-Motorola Products and Accessories. Defects or damage that result from the use of Non-Motorola branded or certified Products, Accessories, Software or other peripheral equipment are excluded from coverage.

Unauthorized Service or Modification. Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by someone other than Motorola, or its authorized service centers, are excluded from coverage.

Altered Products. Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola housings, or parts, are excluded from coverage.

Communication Services. Defects, damages, or the failure of Products, Accessories or Software due to any communication service or signal you may subscribe to or use with the Products Accessories or Software is excluded from coverage.

Software

Products Covered	Length of Coverage
Software. Applies only to physical defects in the media that embodies the copy of the software (e.g., CD-ROM, or floppy disk).	**Ninety (90) days** from the date of purchase.

Exclusions

Software Embodied in Physical Media. No warranty is made that the software will meet your requirements or will work in combination with any hardware or software applications provided by third parties, that the operation of the software products will be uninterrupted or error free, or that all defects in the software products will be corrected.

Software NOT Embodied in Physical Media. Software that is not embodied in physical media (e.g. software that is downloaded from the internet), is provided “as is” and without warranty.

Who is Covered?

This warranty extends only to the first consumer purchaser, and is not transferable.

What Will Motorola Do?

Motorola, at its option, will at no charge repair, replace or refund the purchase price of any Products, Accessories or Software that does not conform to this warranty. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products, Accessories or parts. No data, software or applications added to your Product, Accessory or Software, including but not limited to personal contacts, games and ringer tones, will be reinstalled. To avoid losing such data, software and applications please create a back up prior to requesting service.

How to Obtain Warranty Service or Other Information

USA	**Phones** 1-800-331-6456 **Pagers** 1-800-548-9954 **Two-Way Radios and Messaging Devices** 1-800-353-2729
Canada	**All Products** 1-800-461-4575
TTY	1-888-390-6456
For **Accessories** and **Software**, please call the telephone number designated above for the product with which they are used.	

You will receive instructions on how to ship the Products, Accessories or Software, at your expense, to a Motorola Authorized Repair Center. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number.

What Other Limitations Are There?

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF

THIS LIMITED WARRANTY, OTHERWISE THE REPAIR, REPLACEMENT, OR REFUND AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL MOTOROLA BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, ACCESSORY OR SOFTWARE, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, SOFTWARE OR APPLICATIONS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS, ACCESSORIES OR SOFTWARE TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

Some states and jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state or from one jurisdiction to another.

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Product Registration

Online Product Registration:

http://www.motorola.com/warranty

Product registration is an important step toward enjoying your new Motorola phone. Registering helps us facilitate warranty service, and permits us to contact you should your phone require an update or other service. Registration is for U.S. residents only and is not required for warranty coverage.

Please retain your original dated sales receipt for your records. For warranty service of your Motorola Personal Communications Product you will need to provide a copy of your dated sales receipt to confirm warranty status.

Thank you for choosing a Motorola product.

Export Law Assurances

This product is controlled under the export regulations of the United States of America and Canada. The Governments of the United States of America and Canada may restrict the exportation or re-exportation of this product to certain destinations. For further information contact the U.S. Department of Commerce or the Canadian Department of Foreign Affairs and International Trade.

RF Energy Interference

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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U.S. patent Re. 34,976

Wireless: The New Recyclable

Your wireless phone can be recycled. Recycling your wireless phone reduces the amount of waste disposed in landfills and allows recycled materials to be incorporated into new products.

The Cellular Telecommunications Industry Association (CTIA) and its members encourage consumers to recycle their phones and have taken steps to promote the collection and environmentally sound recycling of end-of-life wireless devices.

As a wireless phone user, you have an important role in ensuring that this phone is recycled properly. When it comes time to give this phone up or trade it in for a new one, please remember that the phone, the charger, and many of its accessories can be recycled. It's easy. To learn more about CTIA's Recycling Program for Used Wireless Devices in the United States, including information on where to recycle wireless devices near you, please visit www.recyclewirelessphones.com.

Wireless Phone Safety Tips

"Safety is your most important call!"

Your Motorola wireless telephone gives you the powerful ability to communicate by voice—almost anywhere, anytime, wherever wireless phone service is available and safe conditions allow. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. If you find it necessary to use your wireless phone while behind the wheel of a car, practice good common sense and remember the following tips:

1 **Get to know your Motorola wireless phone and its features such as speed dial and redial.** If available, these features help you to place your call without taking your attention off the road.

2 **When available, use a handsfree device.** If possible, add an additional layer of convenience to your wireless

phone with one of the many Motorola Original™ handsfree accessories available today.

3 **Position your wireless phone within easy reach.** Be able to access your wireless phone without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.

4 **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.

5 **If you receive an incoming call at an inconvenient time do not take notes or look up phone numbers while driving.** Jotting down a "to do" list or going through your address book takes attention away from your primary responsibility—driving safely.

6 **Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic.** Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.

7 **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations which have the potential to divert your attention away from the road.

8 **Use your wireless phone to call for help.** Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.*

9 **Use your wireless phone to help others in emergencies.** If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.*

10 **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.*

* Wherever wireless phone service is available.

Check the laws and regulations on the use of wireless telephones and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas.

For more information,
please call
1-888-901-SAFE
or visit the
CTIA Web site at
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